

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|------------------|
| S1 | 4 | 10/623702 | US-PGPUB; USPAT | WITH | ON | 2006/08/21 15:21 |
| S2 | 0 | ("2005/0065472").URPN. | USPAT | WITH | ON | 2006/08/21 15:22 |
| S3 | 0 | ("2004/0138612").URPN. | USPAT | WITH | ON | 2006/08/21 15:23 |
| S4 | 2 | ("5554131" "6099504").PN. | USPAT | WITH | ON | 2006/08/21 15:24 |
| S5 | 29 | ("3814097" "3964482" "4258711" "4316463" "4340048" "4525161" "4525164" "4552561" "4886499" "4921475" "5090963" "5250023" "5279544" "5656032" "5693018" "5735818" "5848990" "5858001" "5858005" "5885250" "5921962" "5957895" "5961492" "5997501" "6074369" "6132755" "6186982" "6589229" "6611707").PN. | USPAT | WITH | ON | 2006/08/21 15:24 |
| S6 | 2 | ("6500150" "6595956").PN. | USPAT | WITH | ON | 2006/08/21 15:25 |
| S7 | 3 | (S4 or S5) and Belleville | US-PGPUB; USPAT | WITH | ON | 2006/08/21 15:26 |
| S8 | 5052 | "Belleville spring" | US-PGPUB; USPAT | WITH | ON | 2006/08/21 16:03 |
| S9 | 7764 | Belleville spring | US-PGPUB; USPAT | WITH | ON | 2006/08/21 16:04 |
| S10 | 60002 | ("604").CLAS. | USPAT; USOCR | OR | OFF | 2006/08/21 16:04 |
| S11 | 34 | S10 and (S8 or S9) | US-PGPUB; USPAT | WITH | ON | 2006/08/21 16:04 |

EAST Search History

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|-----|-------|---|------------------------------|------|-----|------------------|
| S12 | 69 | ("3857382" "3963380" "4204538" "4207871" "4271989" "4274407" "4326517" "4340083" "4344743" "4492360" "4541429" "4596575" "4601707" "4617952" "4633878" "4669660" "4741736" "4758226" "4787071" "4842017" "4886499" "4938742" "4939405" "4944659" "4998918" "5000739" "5012835" "5054522" "5085562" "5094594" "5096643" "5205819" "5262696" "5267589" "5271724" "5277556" "5327041" "5336062" "5354032" "5395320" "5415629" "5542821" "5566703" "5569187" "5611676" "5624409" "5628411" "5643207" "5681152" "5693016" "5698485" "5707361" "5759015" "5779218" "5810325" "5836750" "5840062" "5866971" "5899218" "5902336" "5957895" "5970998" "5984894" "5997501" "6024720" "6033191" "6074369").PN. OR ("6589229"). URPN. | US-PGPUB; USPAT; USOCR | WITH | ON | 2006/08/21 17:53 |
| S13 | 1 | "4340083".PN. | USPAT; USOCR | WITH | ON | 2006/08/21 17:52 |
| S14 | 3 | S12 and belleville | US-PGPUB; USPAT; USOCR | WITH | ON | 2006/08/21 17:54 |
| S15 | 1000 | (604/134,131,132,137,63).CCLS. | USPAT; USOCR | OR | OFF | 2006/08/21 17:56 |
| S16 | 1000 | ((604/134) or (604/131) or (604/132) or (604/137) or (604/63)).CCLS. | USPAT; USOCR | OR | OFF | 2006/08/21 17:55 |
| S17 | 39414 | washer spring | US-PGPUB; USPAT | WITH | ON | 2006/08/21 17:56 |
| S18 | 7764 | Belleville spring | US-PGPUB; USPAT | WITH | ON | 2006/08/21 17:56 |
| S19 | 2993 | (S17 or S18) and needle | US-PGPUB; USPAT | WITH | ON | 2006/08/21 17:58 |

EAST Search History

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|-----|-------|-----------------------------|--------------------|------|-----|------------------|
| S20 | 60002 | ("604").CLAS. | USPAT; USOCR | OR | OFF | 2006/08/21 17:58 |
| S21 | 181 | S19 and S20 | US-PGPUB; USPAT | WITH | ON | 2006/08/21 17:59 |
| S22 | 13 | S21 and S16 | US-PGPUB; USPAT | WITH | ON | 2006/08/21 18:02 |
| S23 | 58262 | disc spring | US-PGPUB; USPAT | WITH | ON | 2006/08/21 18:02 |
| S24 | 51 | S16 and (S18 or S17 or S23) | US-PGPUB; USPAT | WITH | ON | 2006/08/21 18:03 |
| S25 | 38 | S24 not S22 | US-PGPUB; USPAT | WITH | ON | 2006/08/21 18:03 |